Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 30 Mar 2022 until 23:59 on Thursday 31 Mar 2022

Forecast Issued on Tuesday 29 Mar 2022 at 15:57

Confidence: High for cold and showery through much of the period, medium for timing of rain spreading from the west later Sunday.

Headline for Wednesday 30 Mar 2022: Cloudy start with occasional rain and summit snow, clearing to sunshine and wintry showers.

Mountain weather hazards on Wednesday 30 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light snow	Light snow	Light snow	Light snow showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
90%	90%	80%	60%	40%	40%	20%	20%

Forecast for Wednesday 30 Mar 2022

Weather: Cloudy overnight and through much of the morning with occasional rain, sleet and snow, with snow level lowering to around 400m by dawn. Outbreaks breaking to scattered showers from late morning, as snow increasingly penetrates to lowest levels. Bright and sunny spells spreading from the north mid late afternoon, but feeling significantly colder than off late.

Chance of cloud-free hill tops above 600m: 20% at first, becoming 80% for any given time late afternoon, but much lower chance for extended clear spells given the showery nature of the flow.

Low cloud and visibility: Moderate or poor in early rain, very poor in snow and briefly in later wintry showers, only a few metres within cloud with bases quite extensive from 450-600m at first, only infrequently so in the later showery flow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 30 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) / Wind Direction (blowing from)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 E	10/14 NE	13/19 NE	15/22 NE	16/23 NE	17/25 NE	16/23 NE	17/25 NE	20/28 NE
300	4/7 E	5/9 SE	11/17 NE	13/20 NE	15/24 NE	15/24 NE	12/19 NE	10/18 NE	10/18 N
Valley	5/9 E	8/14 NE	11/21 E	12/24 NE	14/26 NE	12/25 NE	9/20 NE	9/21 NE	9/21 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/1	2/-2	0/-5	-0/-6	-1/-7	-1/-8	-2/-8	-3/-10	-4/-11
300	5/4	5/3	2/-2	2/-2	2/-4	1/-4	1/-4	-0/-5	-1/-6
Valley	7/5	6/3	3/-0	3/-1	3/-2	2/-2	2/-2	1/-4	-0/-5
Freezing Level*	1100m	1000m	600m	500m	400m	300m	200m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill effect at height, despite only moderate to fresh summit winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Mar 2022	1.4mm	1.4mm	1.4mm

Forecast for Thursday 31 Mar 2022

Weather: A day of sunshine and wintry showers with outbreaks mainly confined to the east early and late in the day, but developing more widely through the afternoon and perhaps turning heavier for a time.

Maximum wind: North or northeast mean 15-20mph with gusts reaching 30mph, easing a touch later in the day.

Chance of cloud-free hill tops above 600m: 80% for any given time, but much lower for extended clear spells given the showery nature of the flow.

Low cloud and visibility: Good or very good, becoming moderate or poor in wintry showers, only a few metres within cloud with bases infrequently 600m in the showers.

Temperature: **Valleys:** Minus 2 Celsius increasing plus 6 Celsius during the afternoon
At 600m: Minus 3 Celsius
Freezing level: 300m or less

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